



# PRO 110X 15W-40

Mineral oil.

Premium heavy duty lubricant for diesel engines in heavy duty on and off road applications.

## PERFORMANCES

### Standards :

ACEA E7/E5/E3  
ACEA A3/B4  
API CI-4/SL  
JASO DH-1

### Spécifications :

VOLVO VDS-3  
MERCEDES MB 228.3  
MAN M 3275  
RENAULT RLD-2  
MTU Type 2  
JOHN DEERE JDQ-78A  
CUMMINS CES 20077/78  
MACK EO-N / EO-M Plus  
CATERPILLAR ECF-2, ECF-1a  
DEUTZ DQC III-10  
DETROIT DIESEL DDC 93K215  
ALLISON TES 439  
JCB 4001/1800 - 4001/1500

## ADVANTAGES

The versatility of **IGOL PRO 110X 15W-40** makes it suitable for a wide range of applications in the transport, public works and agricultural sectors.

Its exclusive formulation gives it the following advantages :

- ✓ Compatibility with the different anti-pollution standards: EURO V - TIER III - Stage IIIA
- ✓ Good thermal stability which allows the maximum oil change intervals recommended by the manufacturers.
- ✓ Reduced wear, piston deposits and high soot tolerance.
- ✓ Fast and complete engine protection even at low temperatures.
- ✓ Suitable for systems with EGR valves, Selective Catalytic Reduction (SCR) but not suitable for Particulate Filters (FAP or DPF)





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## PHYSICO-CHEMICAL PROPERTIES

Characteristics	Standards	Unit	Values
Specific gravity at 20°C	ASTM D4052	g/cm <sup>3</sup>	0.881
Cinematic viscosity at 40°C	ASTM D7042	mm <sup>2</sup> /s	114
Cinematic viscosity at 100°C	ASTM D7042	mm <sup>2</sup> /s	14.9
Viscosity Index	ASTM D2270		134
Viscosity at -20°	ASTM D5293-20	mPa.s	6891
Pour point	ASTM D97 B	°C	-42
Flash point	ASTM D92	°C	219
TBN	ASTM D2896	mgKOH/g	11.91

Note: Before use, always check the manufacturer's recommendations

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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